





WELLHEAD ABANDONMENT FORM



SITE NAME: Leafgren 1-17 Wellhead							DATE: 3/3/2021	REM. PROJECT #:	WEATHER: 40's Sunny	
SITE DIRECTIONS: HWY 85 / 392 0.2 mi e, 0.1 mi n, ne into							CLIENT: PDC			
LEGALS AND LAT/LONG: 40.482670 -104.694920							TASMAN PERSONNEL: Jesse Marcus			
SOIL TYPES: Clayey Sand - SC							SURFACE GRADIENT: Southwest			
SOIL SAMPLING							FACILITY INFRASTRUCTURE			
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity	
							Above Ground Storage Tank (AST)			
3/3/2021 12:51	FLR01@4'	400.2	HC Staining	HC Odor	No	Grab	Buried or Partially Buried Vessel			
3/3/2021 13:14	WH01@5'	800.6	HC Staining	HC Odor	Yes	Lab	Separator			
3/3/2021 13:15	FLR01@4'	393.1	HC Staining	HC Odor	Yes	Lab	Emission Control Device (ECD)			
3/3/2021 13:16	WH01-W@4'	90.2	HC Staining	HC Odor	Yes	Grab	Dump Line			
3/3/2021 13:17	WH01-S@4'	16.7	HC Staining	HC Odor	Yes	Grab	Wellhead		1	
3/3/2021 13:18	WH01-E@4'	5.0	HC Staining	HC Odor	Yes	Grab	Flowline		1	
3/3/2021 13:43	WHS01-N@0-6"	674.0	HC Staining	HC Odor	Yes	Grab	Other:			
3/3/2021 13:49	WHS01-W@0-6"	9.8	No Staining	No Odor	Yes	Grab	Soil Loads Removed			
3/3/2021 13:50	WHS01-S@0-6"	2.5	No Staining	No Odor	Yes	Grab	IMPACTED SOIL IDENTIFIED? Yes			
3/3/2021 13:51	WHS01-E@0-6"	43.5	No Staining	No Odor	Yes	Grab	ESTIMATED VOLUME OF IMPACTS:			
3/3/2021 13:53	BKG01@2.5'	0.3	No Staining	No Odor	Yes	Lab	Date	Number	CY	
							3/3/2021	1	9.5	
							Total Removed		1	9.5
							Disposal Facility:			
							Groundwater Recovery			
							DATE GW ENCOUNTERED:		DEPTH:	
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?			
							LNAPL OR SHEEN OBSERVED ON GW?			
GROUNDWATER SAMPLING							Date		BBLS	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?				
							Total Removed		0	
							Disposal Facility:			

## Photographic Log

											
<b>Equipment ID:</b> WH01 @ 5'		<b>Equipment Type:</b> Wellhead		<b>Equipment ID:</b> FLR01 @ 4'		<b>Equipment Type:</b> Wellhead					
<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>		<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>	
<b>Notes/Conditions:</b>						<b>Notes/Conditions:</b>					





## Photographic Log

											
<b>Equipment ID:</b> WH01-W@4'		<b>Equipment Type:</b> Wellhead		<b>Equipment ID:</b> WH01-S@4'		<b>Equipment Type:</b> Wellhead					
<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>		<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>	
<b>Notes/Conditions:</b>						<b>Notes/Conditions:</b>					





## Photographic Log

							
<b>Equipment ID:</b> WH01-E @ 4'		<b>Equipment Type:</b> Wellhead		<b>Equipment ID:</b> WHS		<b>Equipment Type:</b> Wellhead	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b>				<b>Notes/Conditions:</b> WHS01-N @ 0-6"			



## Photographic Log

							
<b>Equipment ID:</b> WHS		<b>Equipment Type:</b> Wellhead		<b>Equipment ID:</b> WHS		<b>Equipment Type:</b> Wellhead	
<b>Material:</b>		<b>Volume:</b>		<b>Material:</b>		<b>Volume:</b>	
<b>Contents:</b>				<b>Contents:</b>			
<b>Notes/Conditions:</b> WHS01-W@0-6"				<b>Notes/Conditions:</b> WHS01-S@0-6"			



## Photographic Log



**Equipment ID:**WHS

**Equipment Type:**Wellhead

**Material:**

**Volume:**

**Contents:**

**Notes/Conditions:**WHS01-E@0-6"

**Equipment ID:**

**Equipment Type:**

**Material:**

**Volume:**

**Contents:**

**Notes/Conditions:**





<b>SITE NAME:</b> Leafgren 1-17 Wellhead Excavation							<b>DATE:</b> 3/4/2021		<b>REM. PROJECT #:</b>		<b>WEATHER:</b> 30's cloudy, chance of rain	
<b>SITE DIRECTIONS:</b> HWY 85/ 392, 0.2 mi e, 0.1 mi n. Ne into							<b>CLIENT:</b> PDC					
<b>LEGALS AND LAT/LONG:</b> 40.482670 -104.694920							<b>TASMAN PERSONNEL:</b> Jesse Marcus					
<b>SOIL TYPES:</b> Clayey Sand - SC							<b>SURFACE GRADIENT:</b> Southwest					
<b>SOIL SAMPLING</b>							<b>FACILITY INFRASTRUCTURE</b>					
<b>Date/Time</b>	<b>Soil Sample ID</b>	<b>PID (ppm)</b>	<b>Visual</b>	<b>Olfactory</b>	<b>Photo?</b>	<b>Grab or Lab Sample?</b>	<b>EQUIPMENT</b>		<b>Quantity</b>			
							<b>Above Ground Storage Tank (AST)</b>					
3/4/2021 10:32	B@6', GS01@6'	0.0	No Staining	No Odor	Yes	Lab	<b>Buried or Partially Buried Vessel</b>					
3/4/2021 10:35	S@5', GS02@5'	0.0	No Staining	No Odor	Yes	Lab	<b>Separator</b>					
3/4/2021 10:40	E@5', GS03@5'	0.5	No Staining	No Odor	Yes	Lab	<b>Emission Control Device (ECD)</b>					
3/4/2021 10:44	N@5'	1091	HC Staining	Strong HC Odor	No	Grab	<b>Dump Line</b>					
3/4/2021 11:26	B2@6'	1559	HC Staining	Strong HC Odor	No	Grab	<b>Wellhead</b>					
3/4/2021 11:39	W@5', GS04@5'	4.4	No Staining	No Odor	Yes	Lab	<b>Flowline</b>					
3/4/2021 12:32	B3@10'	1679	HC Staining	Strong HC Odor	No	Grab	<b>Other:</b>					
3/4/2021 14:22	B4@13', GS05@13'	1460	HC Staining	Strong HC Odor	No	Grab	<b>Soil Loads Removed</b>					
3/4/2021 14:23	B5@13', GS06@13'	663	HC Staining	Strong HC Odor	No	Grab	<b>IMPACTED SOIL IDENTIFIED?</b> Yes					
3/4/2021 14:24	N2@10', GS07@10'	27.8	No Staining	Slight HC Odor	No	Grab	<b>ESTIMATED VOLUME OF IMPACTS:</b>					
3/4/2021 14:25	E2@12', GS08@12'	42.2	No Staining	Strong HC Odor	No	Grab	<b>Date</b>		<b>Number</b>	<b>CY</b>		
3/4/2021 14:26	W2@12', GS09@12'	537.6	HC Staining	Strong HC Odor	No	Grab	3/3/2021		1	9.5		
3/4/2021 15:01	W3@12', GS10@12'	4.9	No Staining	No Odor	No	Grab	3/4/2021		6	60		
3/8/2021 09:17	B6@16'	1438	HC Staining	Strong HC Odor	No	Grab	3/8/2021		10	100		
3/8/2021 09:37	B7@17'	1560	HC Staining	Strong HC Odor	No	Grab	3/9/2021		5	50		
3/8/2021 09:49	B8@18'	591	HC Staining	Strong HC Odor	No	Grab	<b>Total Removed</b>		22	219.5		
3/8/2021 10:01	B9@19'	1190	HC Staining	Strong HC Odor	No	Grab	<b>Disposal Facility:</b> WM - Ault					
3/8/2021 12:03	S@6'	0.9	No Staining	No Odor	No	Grab	<b>Groundwater Recovery</b>					
3/8/2021 12:10	S@8'	0.8	No Staining	No Odor	No	Grab	<b>DATE GW ENCOUNTERED:</b> 3/9/2021		<b>DEPTH:</b> 23'			
3/8/2021 12:16	S@10'	0.3	No Staining	No Odor	No	Grab	<b>GROUNDWATER IN CONTACT WITH IMPACTED SOIL?</b> Groundwater in contact with soil impacts.					
3/8/2021 12:21	S@12'	1.2	No Staining	No Odor	No	Grab						
3/8/2021 12:46	B@20'	330.1	No Staining	Slight HC Odor	No	Grab	<b>LNAPL OR SHEEN OBSERVED ON GW?</b> None Observed on GW.					
<b>GROUNDWATER SAMPLING</b>							<b>Date</b>		<b>BBLS</b>			
<b>Date/Time</b>	<b>Groundwater Sample ID</b>	<b>Depth Collected</b>	<b>Turbid?</b>	<b>Sheen?</b>	<b>Odor?</b>	<b>Photo?</b>						
3/10/2021 10:36	GW01	23'	Medium Turbidity	None	None	No						
							<b>Total Removed</b>		0			
							<b>Disposal Facility:</b>					





## Photographic Log

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: B@6', SS01@6'						Notes/Conditions: S@5', SS02@5'					



## Photographic Log

							
<b>Equipment ID:</b>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b> E@5', SS03@5'				<b>Notes/Conditions:</b> W@5', SS04@5'			







<b>SITE NAME:</b> Leafgren 1-17 Wellhead							<b>DATE:</b> 3/8/2021		<b>REM. PROJECT #:</b>		<b>WEATHER:</b>	
<b>SITE DIRECTIONS:</b> HWY 85/ 392, 0.2 mi e, 0.1 mi n. Ne into							<b>CLIENT:</b> PDC					
<b>LEGALS AND LAT/LONG:</b> 40.482670 -104.694920							<b>TASMAN PERSONNEL:</b> Jesse Marcus					
<b>SOIL TYPES:</b> Poorly Graded Sand - SP							<b>SURFACE GRADIENT:</b> Southwest					
SOIL SAMPLING							FACILITY INFRASTRUCTURE					
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity			
							Above Ground Storage Tank (AST)					
3/8/2021 12:58	B-W@20', SS01@20'	300.1	No Staining	Slight HC Odor	Yes	Lab	Buried or Partially Buried Vessel					
3/8/2021 13:09	B-E@20', SS02@20'	135.7	No Staining	Slight HC Odor	Yes	Lab	Separator					
3/8/2021 13:54	B-S@20', SS03@20'	753.8	No Staining	HC Odor	Yes	Lab	Emission Control Device (ECD)					
3/8/2021 13:55	B-N@20', SS04@20'	746.5	No Staining	HC Odor	Yes	Lab	Dump Line					
3/8/2021 13:56	E@12',SS05@12'	3.1	No Staining	Slight HC Odor	Yes	Lab	Wellhead					
3/8/2021 14:37	E@20', SS06@20'	6.8	No Staining	No Odor	Yes	Lab	Flowline					
3/8/2021 14:38	N@12', SS07@12'	9.2	No Staining	No Odor	Yes	Lab	Other:					
3/8/2021 14:39	N@20', SS08@20'	2.1	No Staining	No Odor	Yes	Lab	Soil Loads Removed					
3/8/2021 14:40	W@12', SS09@12'	0.4	No Staining	No Odor	Yes	Lab	IMPACTED SOIL IDENTIFIED?					
3/8/2021 14:41	W@20', SS10@20'	0.2	No Staining	No Odor	Yes	Lab	ESTIMATED VOLUME OF IMPACTS:					
3/8/2021 14:43	S@12', SS11@12'	0.4	No Staining	No Odor	Yes	Lab	Date		Number	CY		
3/8/2021 14:44	S@20', SS12@20'	1.2	No Staining	No Odor	Yes	Lab						
							Total Removed		0	0		
							Disposal Facility:					
							Groundwater Recovery					
							DATE GW ENCOUNTERED:		DEPTH:			
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?					
							LNAPL OR SHEEN OBSERVED ON GW?					
GROUNDWATER SAMPLING							Date		BBLS			
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?						
							Total Removed		0			
							Disposal Facility:					





## Photographic Log

											
<b>Equipment ID:</b>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>					
<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>		<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>	
<b>Notes/Conditions:</b> East Wall, SS05 @ 12', SS06 @ 20'						<b>Notes/Conditions:</b> South Wall, SS011 @ 12', SS12 @ 20'					





## Photographic Log

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: Base, SS01 @20', SS02 @20'						Notes/Conditions: Base, SS03 @20, SS04 @20'					



## Photographic Log



							
<b>Equipment ID:</b>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>	
<b>Material:</b>		<b>Volume:</b>		<b>Material:</b>		<b>Volume:</b>	
		<b>Contents:</b>				<b>Contents:</b>	
<b>Notes/Conditions:</b> West Wall, SS09@12', SS10@20'				<b>Notes/Conditions:</b> North Wall, SS07@12', SS08@20'			



<b>SITE NAME:</b> Leafgren 1-17 Wellhead							<b>DATE:</b> 3/9/2021	<b>REM. PROJECT #:</b>	<b>WEATHER:</b> 50's overcast
<b>SITE DIRECTIONS:</b> HWY 85/ 392, 0.2 mi e, 0.1 mi n. Ne into							<b>CLIENT:</b> PDC		
<b>LEGALS AND LAT/LONG:</b> 40.482670 -104.694920							<b>TASMAN PERSONNEL:</b> Jesse Marcus		
<b>SOIL TYPES:</b> Poorly Graded Sand - SP							<b>SURFACE GRADIENT:</b> Southwest		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT	Quantity	
							Above Ground Storage Tank (AST)		
3/9/2021 11:33	B-S@22'	765.3	HC Staining	HC Odor	No	Grab	Buried or Partially Buried Vessel		
3/9/2021 11:42	B-S@23'	614.7	No Staining	HC Odor	No	Grab	Separator		
3/9/2021 12:09	B-S@24', SS13	179.9	No Staining	HC Odor	Yes	Lab	Emission Control Device (ECD)		
3/9/2021 12:33	E@24', SS14	7.0	No Staining	Slight HC Odor	Yes	Lab	Dump Line		
3/9/2021 12:46	S@24', SS15	5.3	No Staining	Slight HC Odor	Yes	Lab	Wellhead		
3/9/2021 13:27	W@24', SS16	0.3	No Staining	No Odor	Yes	Lab	Flowline		
3/9/2021 14:01	N@24', SS17	0.1	No Staining	No Odor	Yes	Lab	Other:		
3/9/2021 14:16	SS18@2.5'	0.0	No Staining	No Odor	Yes	Lab	Soil Loads Removed		
							IMPACTED SOIL IDENTIFIED? <small>Yes</small>		
							ESTIMATED VOLUME OF IMPACTS:		
							Date	Number	CY
							Total Removed	0	0
							Disposal Facility:		
							Groundwater Recovery		
							DATE GW ENCOUNTERED: 3/9/2021	DEPTH: 23'	
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL? <small>Groundwater in contact with soil impacts.</small>		
							LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date	BBLS	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed	0	
							Disposal Facility:		




## Photographic Log

											
<b>Equipment ID:</b>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>					
<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>		<b>Material:</b>		<b>Volume:</b>		<b>Contents:</b>	
<b>Notes/Conditions:</b> Groundwater @ 23', B-S@24', SS13@24'						<b>Notes/Conditions:</b> SS14@24', E@24'					




## Photographic Log

							
<b>Equipment ID:</b>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b> SS15@24', S@24'				<b>Notes/Conditions:</b> SS16@24', W@24'			



## Photographic Log

							
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: SS17@24', N@24'				Notes/Conditions: SS18@2.5'			